

Manual v1.0

Hudson Plug-in

For Build System Monitor

Remote monitoring of automated build systems

2009-08-10

1. Hudson Plug-in

The Hudson Plug-in is used, to provide support for monitoring Hudson automated build systems. It is a plug-in, written for the Build System Monitor application plug-in architecture.

1.1. Requirements

Operating systems: Windows XP, Windows Vista

.NET Framework: Microsoft .NET Framework 3.5

(<http://www.microsoft.com/downloads/details.aspx?FamilyId=333325FD-AE52-4E35-B531-508D977D32A6&displaylang=en>)

1.2. Installation

The Hudson plug-in, *Hudson.dll*, should be placed in the BSM's /plugins directory.

1.3. Plug-in Configuration

The Hudson plug-in has no specific configuration.

1.4. Hudson Job Configuration

A Hudson job requires the following configurations.

RSS/Atom feed: url for the Hudson job being monitored should be provided. The *rssAll* feed is best suited so both failures and successes get reported.

Application (optional): An url to a web site or a file path to a program to launch as the "Application being monitored". This is usually an url to the Hudson jobs status page so quick action can be taken when status changes to yellow or red.

Connection Timeout (ms): should be set to 500 to 1500 ms depending on the normal response time of your build server.

Authentication method (optional): Hudson plug-in supports basic html authentication. Switch authentication method from *None* to *Basic* and enter the user name and password. A word of caution though, the password is stored in plain text in this initial release.

Filter (regex) (optional): A regular expression can be provided to filter which items in the RSS/Atom feed to respond to. Items matching the regular expression are **INCLUDED!**. Hence leaving it blank will include all feed items.

